

Full MDS AI updated Nov 29

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AI5 – Exceptions when testing RFT thread (may 23 mail), mike will follow up, we think this is a general problem not a MDS one – mike to enter Bugzilla bug,

ACTIVE (8/12) – mike to enter bug by end of week if it's still in 4.0.1; 8/24 mike talked to ravi, ravi in process of verifying, waiting on ravi, 9/26 – mike to poke ravi Mike says (Nov 28) - This is in never-never land. I guess we need to figure out the priority on this and make a focused effort with Ravi to resolve it, if it even still exists.

AI10 – jen to figure out how to move forward on SC paper

ACTIVE (8/10) – Ioan running additional experiments; 10/31 – sent mail detailing next steps for MDS2 tests on TG, netloggerizing MDS4, iona's WAN experiments; Mail from Ioan nov 19 saying he's moving on this again; nov 29 jms sent mail to find status

Deleted: 10/10 – JMS sent mail with next steps

AI11- Performance experiments- neill – waiting til 4.0.1

Set up a long term test with 100 entries

What about doing something with the NMI testbed

ACTIVE: 9/26 – up and running just over 30 days with 100 entries, each query

~200K; DONE (?)

AI13 – put in an enhancement request to make query count an RP for 4.0.2 (ver?)

HOLD Nov 29 – Mike working on this, related to AI12, (8/25) MIKE to talk to jarek at VG and come up with the right way to have the hooks; on hold pending TG and such, really in Jarek court, wake up when mike is back Mike says Nov 29: Still asleep. If we get a target date on a 4.0.2 release maybe we should wake this up. Its non-trivial and we need Jarek's buy-in, so we may have to wait for 4.2 for this.

Deleted: ACTIVE (8/12)

AI22 – jen to do her own documentation bugs

ACTIVE (8.10) – 10/10 did all except the software solutions page

AI24- mike to ask mai/gurang about Montage/SCEC gridftp info needs

ACTIVE– JMS sent mail to Sridhar on 10/10; jms sent mail 11/1

AI25 – MDS and Pegasus/VDS -

ACTIVE- JMS to follow up on attribute list (9/16). Mike and Laura are also working with Pegasus people to address performance issues they encountered when testing with the index server.

AI28 – info provider for clumon, joshi to do XML file

ACTIVE- 11/29- resent mail to Mike S and joshi to determine how to get this running on SDSC, likely will need Lee's involvement

Deleted: 8/10 - -mike sent joshi mail to determine status¶
8/24 – joshi sent sample, mike has sample info provider set, we're waiting on Joshi to rearrange data, neill to contact joshi on this to poke it along¶
9/16 – JMS to follow up on attribute list¶
9/26 – neill to send JMS mail for updates

AI29 - Laura talking with portals

ACTIVE –(8/10) people have been on holiday, to continue this week (8/24),

AI30 – PBS info provider extensions – NEILL (also torque)

ACTIVE: PBS info provider extensions. Should be able to check into CVS shortly (8/10), working with JP on max number issue, 8/24 – done except for gatekeeper ports, going to ask stu; 9/26 – nearly complete, still don't have dynamic gram version yet; Nov – gram port and URL to be determined statically

AI31- Ganglia info provider extensions – Neill

ACTIVE – working on it (8.10); 8/24 Neill to contact JP about getting TG specific data from non-clumon system, 9/29 working on it

AI33 – what science gateway to work with – JMS

ACTIVE – mail sent 8/10 to CeC and Liming to determine what's going on; 8/24 JMS to follow up with ian and carl in September (sent mail aug 25); 9/16 Ian says he sent mail to Nika, JMS to follow, 9/29 JMS to follow up with Nika and Nick K., talk to john McG at SC? 10/10 – mail sent to nika (FOAM runs); 10/10 sent mail to nick suggesting meeting 10/19; 10/10 sent mail to john mcg seeing if he's interested as well; 11/29 – sent mail to mcgee to follow up on how to do this

AI34 – TG Overview doc to OSG

ACTIVE – 8.10 – JMS to follow up with Stu to make sure Ian's edited version (plus corrected WebMDS link) gets given to OSG; 8/25 JMS to put online for MDS pages, perf inside pages; Document given to TG, JMS to follow up with CeC on software information (9/16) Still need to do 9/26 10/10- mail sent to CeC, lee and ian with SW info and meeting suggestion for oct 19-21; Oct meeting decided that first step was to advertise softenv info into MDS4, lee was to write campaign; Nov 29 – pinged lee to find out status

AI35 - MDS4 on windows- viva Globus discussion topic

mike's going to do this as an unsupported tool

mike is going to writeup documentation for doing this from CVS still will be unsupported, to be in 4.0.1 docs

ACTIVE – mike to do this week (8/24)

Also add note to bug 3312

Nov 28 – Mike says - replied to the discussion lists with the procedure for this, so its on the record (in the archive) and we haven't left people hanging. What remains at this point I think is to just move that text to the website docs.

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Mike: I've

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Mike: I've

AI37- Mei and trigger

notes from last time

"can we write this up as an example and advertise?

What about their info providers?

Mike will follow up to see what these look like

What about the work she needs done?

1) no argument can be supplied to the trigger action script so you need multiple action scripts to do similar things

- a. this may be seen as an interface change, but could be backwards compatible to no arguments easily jen will make this argument to the board
- b. could be a trigger patch won't be in 4.0.1
- c. mike to follow up on this
- 2) when action script is executed we pass entire datablob , need more flexibility in what gets passed to action script
- 3) neither of these are hard to do, but both are technically "interface changes" but if backwards compatible"

ACTIVE (8/10) – mike to get ½ page writeup to JMS, 9/26 – still not done
Mike: Yes, this is still not done. To do a good trigger usage example is actually more than ½ page and will require a focused effort to do something nice. Sorry its taken so long, but the trigger service hasn't been a priority. Also, as far as the work that needs to be done, if that is what the ½ page referred to, then ok I can revisit this again soon and come up with something.

AI40 – laura looking for hourly student to do XSLT work
 ACTIVE – laura (8/11), still working on this 9/26

AI43 – work with OGSA dai to get service to automatically register to the container and publish 3 basic pieces of data (service name, version, start time)
 ACTIVE – neill to follow up with ogas-dai group for initial patch, then continue with information work; first part is done (JMS to ask ogas-dai guys), 9/26 – nneill working with Ally and first half is happy, service meta data still not done

AI44 – Neill to look at patch from discuss guy (8/22 mail)
 ACTIVE – 9/26 – he was adding PBS features, trying to include stuff

AI47 - TG mail discussion including Inca integration (mail 8/17, subject "Re: GT4 Info services prototype plans")
 ACTIVE - jms to followup on, mats might be looking at this

AI48 - inca info provider campaign to write
 ACTIVE – jms (8/24)

AI49 - archiver campaign to write
 ACTIVE – jms (8/24)

AI50 - sceec gridftp infor provider campaign to write
 ACTIVE – jms (8/24), contact Sridar (proj manager of sceec) for details on info needed – related to AI24

AI51 - nagios info provider campaign to write
DONE – currently staffed by Eric Blau

AI52 - Pegasus/VDS info provider campaign to write
ACTIVE – JMS – 11/1 need to follow up from meeting

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Deleted: jms (8/24) . 9/16 – campaign written, Neill has looked it over, but has to waiton UsefulRP work to start I think?, 9/26 – discu7ssed, need documentation written before staffing 10/10 – sent draft campaign to Neill

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Deleted: jms (8/24) –

Deleted: til after Sept 14 meeting

AI54 - C Client side interfaces to index server campaign to write
ACTIVE – jms (8/24)

AI55 – add perf inside page to CVS so other people can edit
ACTIVE – jms (9/9)

AI56 – laura to work with OSG to get MDS4 deployed
ACTIVE – laura (9/9), 9/26 – plans to be in there next release, LAURA to follow up on which providers they need; JMS follow up on VDT having MDS2 in it for OSG

AI57 – performance benchmarking campaign with heart guys and Gropp
ACTIVE – JMS to write (9/16)

AI61 – TG Demo for 9/25- Ncsa clumon in whatever state it is, Pbs at ncsa, Pbs at sdsc, All reporting to an index somewhere and a WebMDS setup for that index
ACTIVE – NEILL, MIKE, LAURA (9/9)
Now planned for 10/10
DONE

AI62 – GLUE schema xml mapping
ACTIVE – 9/9, JMS to get diff file for 1.2 from 1.1 from Sergio, NEILL to do mapping

AI63 - GLUE schema 2.0 refactoring work
ACTIVE – NEILL to follow

AI64 – SC Handout – front general MDS, back half TG metasched, half trigger/edg
DONE

AI65- SC MDS on GridFTP disk to track GridFTP deployments
ACTIVE – JMS to talk to Allcock 9/16, JMS to talk Allcock about this, sceec has little info providers to see if gridftp servers are up, could advertise out what kind of backend a server is running so front end server could see what was there (laura's suggestion) – cc core 3; Neill working with Bill and Buzz, JMS sent mail 11/1 to sanity check. Laura: this turned out to be a really nice demo, I think, with Bill, Buzz, and Mike actually using MDS to monitor their servers and find problems and to get information which was used programmatically, not just looked at by people. Plus it was a nice test of interop between the index server and the C hosting environment. I think we can mark this DONE, but we might want to write something up about it.

AI19 – JMS to ask ian for pointers to users who might want per-user jobdata aggregation
ACTIVE – woken up 9/16 – JMS to contact Nick K about this, OSG is another possibility, ask LAURA

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AI53 - OSG LDAP -> XMP mapping for information campaign to write¶
HOLD – jms (8/24) – til after Aug 30 meeting and discussion with laura; 9/26 – how do we weigh this with the OSG schema changes?¶

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AI62 - Mike also needs to do branch overlay stuff to have a deployable thing- talk to charles first¶
ACTIVE- MIKE (9/9) DONE – not needed anymore

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AI6 – JMS need to talk to ian about the feasibility of OSG work while TG going on here – passed to ian to talk to nika about TG appl, Carl to talk to guarang¶
ACTIVE – woken up 9/16 – Ian to contact Nika, JMS to follow to evaluate if they need to select resources, DUPLICATE¶

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AI66 – Nick might be able to use Metascheduling info for circulation model application

HOLD – JMS to send mail (9/16); JMS sent mail 10/10; Nick isn't doing resource selection at this time, he'll contact us when he is

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AI67 – Globus Consortium wants to fund some work – JMS to follow up on

DONE

AI68 – jen to talk to ian about funding

DONE – we're to get staffing as our grants can pay for it (pre 11/1)

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Deleted: JMS

AI69 – laura to write campaign for Globus consortium work

ACTIVE - LAURA

Deleted: if there's money

Deleted: HOLD (wait for AI68)

AI70 – peter lane's campaign – JMS to followup with him, maybe meeting oct 19-21

DONE

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AI71 – neill to writeup what had to happen to make TG work

DONE

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AI 72 – neill to start work on a “patch” of the MDS stuff for TG

ACTIVE (10/10) Mike nov 28: Actually this pretty much fell into my lap. I have a test package deployment location as I have mentioned in previous mails. Mats using it to patch his daily build on viz so it is getting some build testing.

We need to get the documentation done for the patch, and also should be testing it on TeraGrid. The patch contains the new usefullrp stuff and bugfixes to usefullrp, modified gram-scheduler providers for fork and pbs, and new webmds code that supports the new TG extensions and other stuff that Laura knows about ☺

AI73 – MDS papers on globus paper website – JMS 11/1

AI74 – Get info providers as a separate campaign (bug 2767) – JMS 11/1

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HOLD LIST

AI53 - OSG LDAP -> XMP mapping for information campaign to write

HOLD – jms (8/24) – til after Aug 30 meeting and discussion with laura; 9/26 – how do we weigh this with the OSG schema changes?

AI58 – information providers for OSG for MonaLisa and BDII
HOLD – laura (9/9)

AI4- - GT4 resource info into a classad so it can be used in a matchmaker scheme, might be useful to OSG?

HOLD til jan 2006 – woken 9/16, talk to LAURA, a lot of work and no man power, follow up in new year (noted (10/10))

AI23 - figure out usage stats work and write campaign

HOLD- maybe mike, probably 1 week of work to do implementation; JMS has suggested mike write campaign instead, should be discussed, 9;26 on hold

AI45 – run some performance experiments with security turned on (4.0.1 and jarek’s new code version)

HOLD – waiting until current perf experiments done (9/9)

SAI-1 – remove registrant EPR as a command line argument to the scripts

This should be by standard in

Make clear in documentation this is a untrusted value;

Laura- test to make sure this will work

If it does, JMS will contact board for 4.0.2 This is an interface change, so it needs to run by the board

Mike - RLS currently depends on this; UCLA ATS – this WILL happen for 4.0.2 (not next week)

Mike/Laura – doc change for 4.0.2

Guide for writing secure scripts for executor aggregator source

Release notes for 4.0.2 - “potential security concern”, will deprecate and change for 4.0.2

If it doesn’t work – contact security folks for plan B in august

HOLD. Need more info about next release schedule to prioritize this. 1 week of dev time. MIKE (8/12)

SAI-1b – the example scripts need to be fixed to reflect this as well

testing is dependant on this-

HOLD- MIKE (8/12)

SAI-2 – make sure anything we’re about to run is not world writable (came up in context of useful RP) – mike

HOLD – MIKE (8/12)

SAI - 3 – trigger service – comment out all dictionary entries (also with exec source)

jim said this was most important

tests are dependent on this,

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mike : 4.0.1 – comment out and add documentation about how to get tests to run

jms – put in bug and contact lisa

mike : 4.0.2 - fix tests

HOLD – MIKE - The entries have been commented out for 4.0.1 but the test documentation hasn't been updated. Its not a critical failure in the test anyway. We do need better testing documentation and work on the unit tests in general. 1 week of dev time (8/12)

SAI-5 - Make gridmap authorization the default for trigger service

4.0.2 – this is default for trigger

this is adding a line to the config file, but will it affect actual users right now

HOLD- mike (a few days to develop/implement) (8/12)

SAI-6 – make gridmap authorization for execution source

4.0.larger than 2

HOLD- mike (a few days to develop/implement) (8/12)

SAI-7 – trigger default minimum match time should be set to something sensible – von also suggests a floor for the entire service for the polling interval

mike – 4.0.2

~~HOLD~~ – part of current trigger work (3 days) MIKE (8/12) 11/28 - This isn't being worked on at the moment. It could be spun up if we want, but it needs to be prioritized with other current work.

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SAI-8 – my proxy for use between index service and WebMDS; pending – when you want to do delegation

LAURA - This is really too long-term to be considered an "action item", I think. This would be part of an effort to do authentication/authorization/delegation in index servers and push that feature all the way through WebMDS, and it really doesn't make sense without the other parts. We should probably talk about whether or not we want to do all of this for 4.2 (on the one hand, it would be a nice feature, but on the other hand, I don't know of anyone in the real world who's expressed an interest in it). I suspect that the reason this is on the list is that the suggestion to use MyProxy as the mechanism for this part of the effort came up in that security meeting.

HOLD (8/23)

AI15 – neill to get hard numbers on how many things can register to an index for a couple different heap sizes, post 4.0.1, can be put in paper

HOLD: Neill has created a patch to ws-mds that adds a program to measure this performance, not yet added to CVS, but have run it in the past on ISI machines. Will re-visit after gathering performance data. (8/10)

AI20 – neill to do first cut of MDS2 to MDS4
HOLD: Not started yet. To be done after AI18 (8.10)

AI21 – also need transition document for MDS3 to MDS4 – WHO? (not neill)
HOLD – no one wants to do this (8/12), not a priority this week

AI1 – jen to follow up with Olle on MDS2 issues and nordugrid- waiting on OLLE
HOLD (8/10) - Repinged 8/6, 8/22, 8/24 – work on hold on their side, will notify when it continues

DONE LIST

AI2 – mike to add comment and bump priority of bug 2723 for 4.2 – DONE (pre aug)

AI3 – mike to work with jarek and verify tomcat for 4.0.1 – DONE (pre aug)

AI16 - JMS to talk to gigi about a campaign for clover coverage and other resources using the MDS4 budget, might include building better/new tests as well
DONE (pre 8/05)

SAI-4 – check over examples
laura- including ping test especially (maybe remove altogether) 4.0.1
laura to enter bug
jms to tell lisa
DONE - Bug 3548.

AI27 - Charles doing deploy
DONE – charles posted directions for binaries to mds-internal on 8/11

AI12 – query count in logfile so we can track number of queries - mike thinks he can do this 4.0.1 with log updates, off by default – missed 4.0.1, waiting in the wings
ACTIVE (8/12) – mike working on it, may be complete by 8/19
NOT GOING TO HAPPEN – we don't have hooks

AI14 – neill to run a long running test with 20-100 enties after 4.0.1 is out
DUPLICATE? See AI11 (8/10)

AI19 – what about a campaign for TG folks to do GridFTP data?
NOT GOING TO HAPPEN

AI18 - neill will html-ize a combo of mike's mail and laura's mail and see how that works for instructions for infor providers
ACTIVE – neill to work with chris to get this onto web (8.10)

DONE – on website! (8/24)

http://globus.org/toolkit/docs/4.0/info/index/WS_MDS_Index_HOWTO_Execution_Aggregator.html

AI38 – everyone to get TG accounts

ACTIVE- (8/10) neill only has UC account, laura re-requested SDSC account,

Mike to look at what he has

** DUPLICATE

AI7 - OSG meeting july 20-21, Stu will be there

ACTIVE (8/10) - JMS pinged stu about any info from this 8/10

DONE – laura needs to be at aug 30th meeting

AI 32- Torque info provider – Neill

DUPLICATE: Trying to roll into PBS info provider extensions (8.10); 8/24- just about done, same as 30

AI36- neill working with Ioan on perf tests again

DUPLICATE of A10 – ioan running tests (8/10)

AI39 – star day sept 9

DONE – jms to send out agenda (8/11 sent mail announcing)

AI41 – jen to figure out staffing issues for 2005-2006 developer money at ANL

DONE (9/16) – mail sent to ian, gigi, lee on 8/10

AI8 - Ian's OSG meeting in august, Mike thinks he can do this, spend a week in conn then go to VG – Laura going to go

DONE – Aug 30 laura will give us status report (8/10)

AI26 – everyone has an account on TG

DONE – still being sorted; MIKE going to check SDSC today, Laura still doesn't have SDSC account (8/25 – laura has account), DONE

AI42- Need to document and collate schemas (bug 3607)

DONE – assigned to cristina, laura will talk to her (8.24), DONE

AI46 – Neill to set up prototype index server of new pbs data at sdsc for laura to access remotely

DONE

AI59 – need clarification on TG attributes with JP

ACTIVE – JMS to meet with JP (9/9); meeting happened 9/15, jms to send notes out; DONE

AI60 – problems with mds.globus.org

ACTIVE – LAURA/MIKE to look at 9/9 DONE

AI62 - Mike also needs to do branch overlay stuff to have a deployable thing- talk to charles first

MIKE (9/9) DONE – not needed anymore

AI6 – JMS need to talk to ian about the feasibility of OSG work while TG going on here – passed to ian to talk to nika about TG appl, Carl to talk to guarang

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